

- 1) A Hospital Management System is being developed using ASP.NET MVC. One of the key entities is the Patient model with the following properties: PatientId, Name and Disease.

The system should allow adding new patients and updating existing patient details using MVC operations.

Answer the following:

- 1) Write the ASP.NET MVC controller method for creating a new patient record.
- 2) Write the controller method for editing an existing patient record.
- 3) Design a Razor form to input patient details for the Create operation.
- 4) Explain how model binding works in ASP.NET MVC when submitting the Razor form.
- 5) Why is validation important in the Patient model, and how can it be implemented using Data Annotations?